

Record 6

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INK COMPOSITION FOR INK JET RECORDING

RICOH CO LTD

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Abstract: PROBLEM TO BE SOLVED: To obtain an ink composition which can give an image having high light resistance and not causing nozzle clogging, etc., by incorporating a triazine compound and/or a hindered amine compound.

SOLUTION: There is provided the ink composition containing 0.05-10 wt.% triazine compound represented by formula II (for example, a compound represented by formula I), 0.05-10 wt.% hindered amine compound (for example, a compound represented by formula III) or 0.05-10 wt.%, in total, mixture of the triazine compound with the hindered amine compound in a weight ratio of 1/5 to 5/1; a meltable colorless vehicle such as a paraffin wax; a colorant comprising a dye or a pigment; and, optionally, a surfactant, a preservative, etc. In the formulae, R₁, R₂, A, and B are each hydrogen, hydroxyl, or a group R-X(R')_n-Y-; R is an alkyl, an alkenyl, or a phenyl; R' is an alkylene, or an oxyalkylene; X is a direct bond or an ester group; Y is a direct bond or an ether group; and (n) is an integer of 0-10.

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